



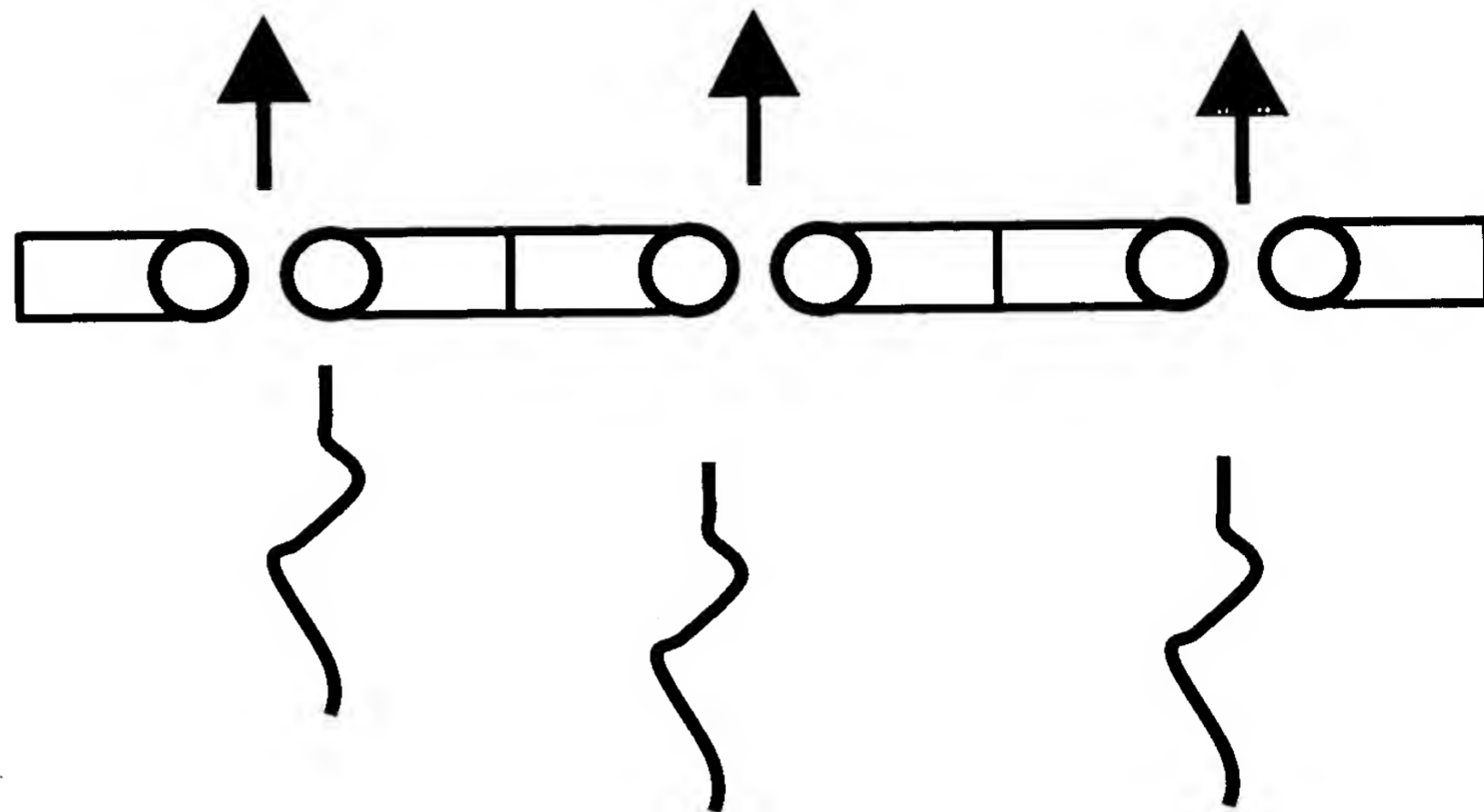
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Parallel Reading Through
Multiple Pores



Serial Reading Through
a Single Pore

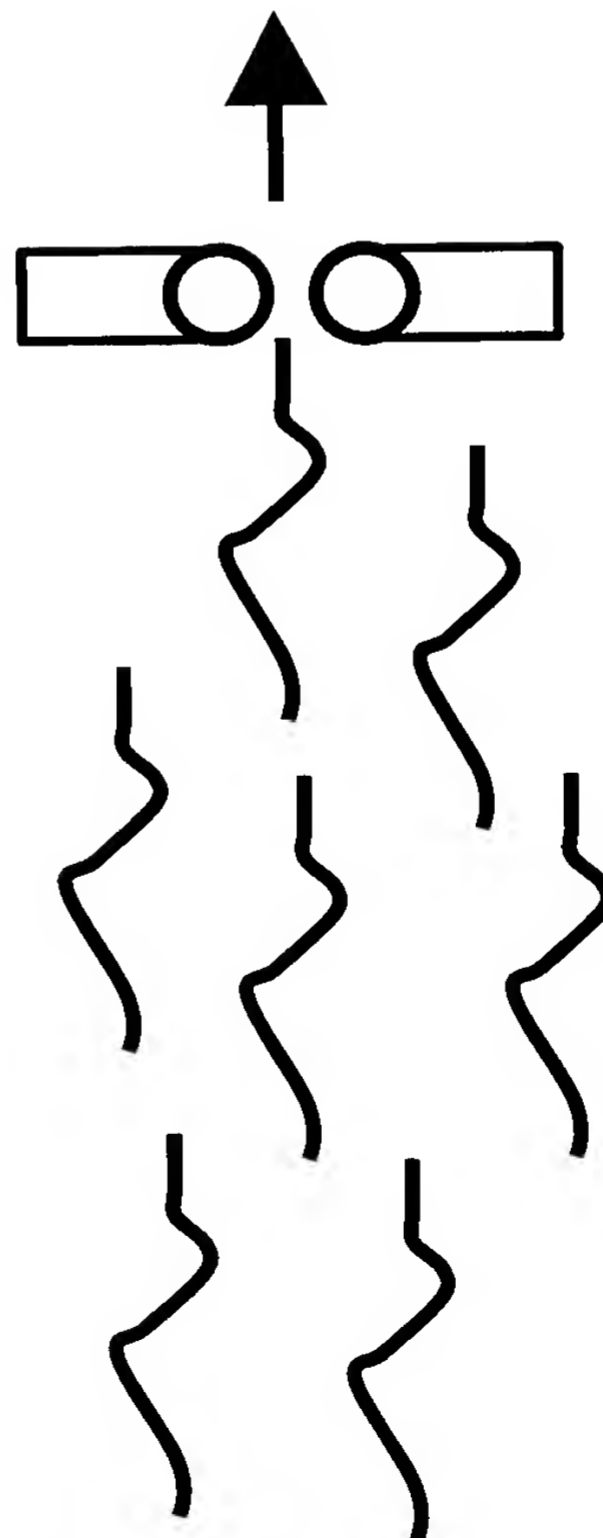


FIG. 1



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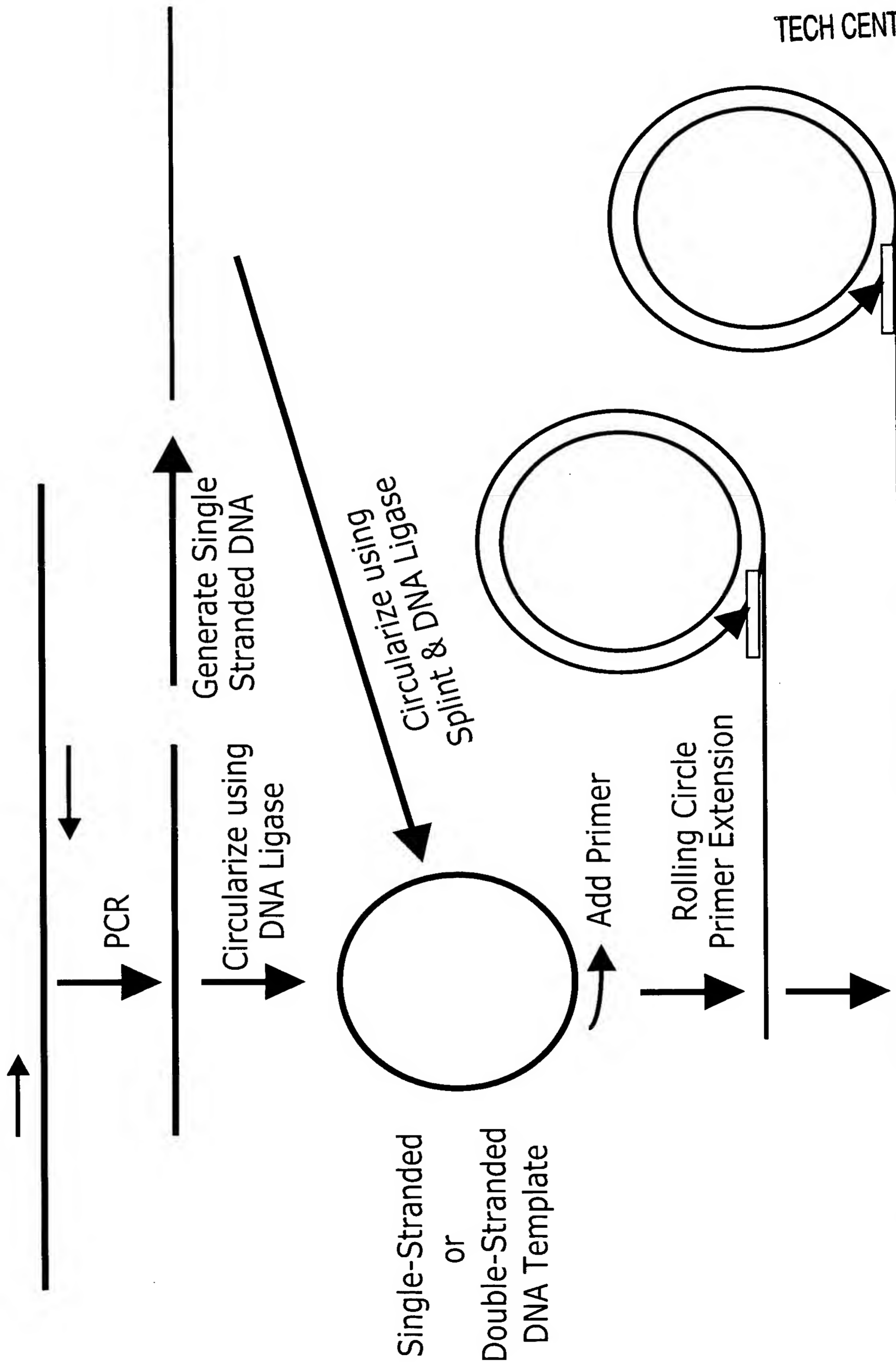


FIG. 2



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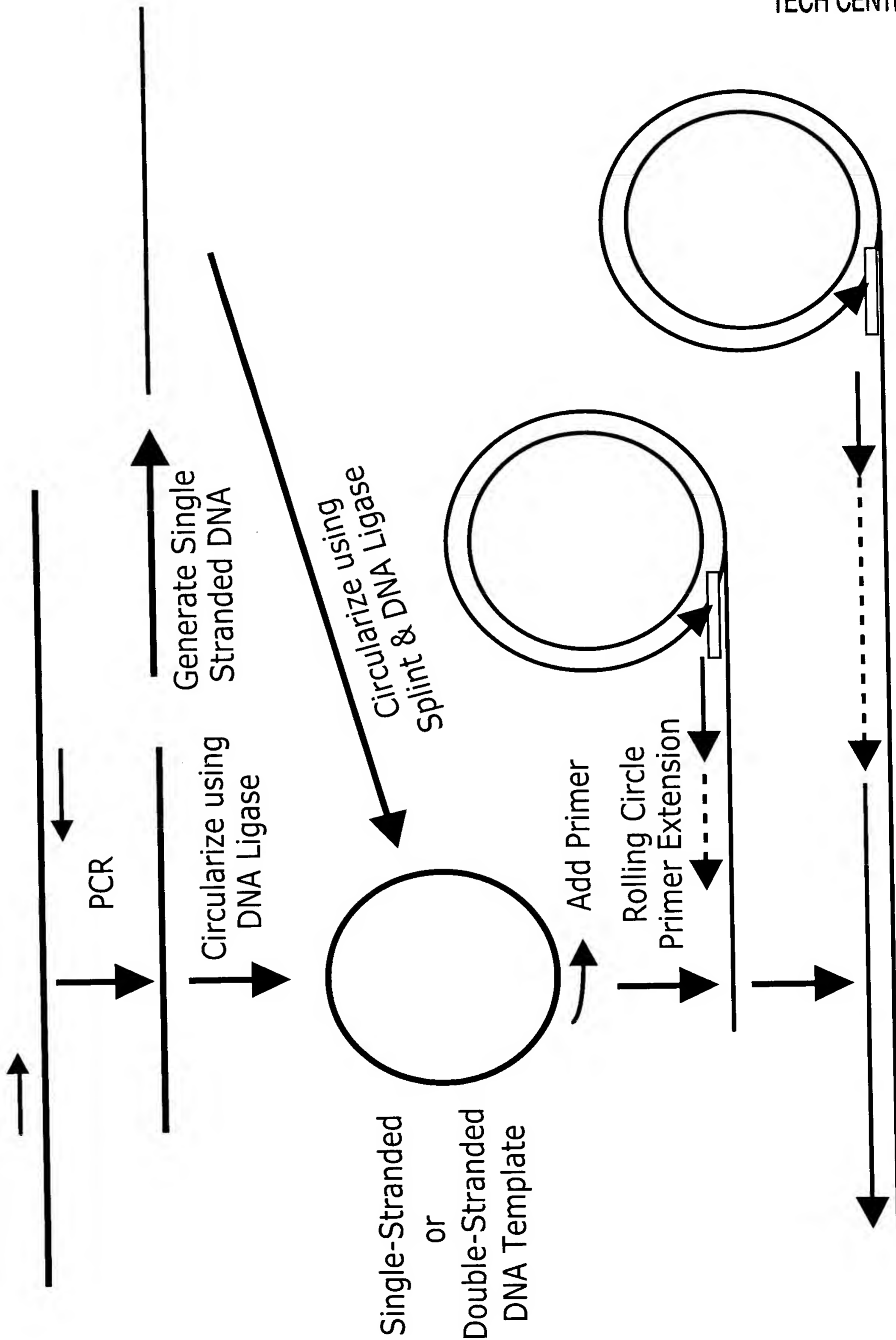


FIG. 3



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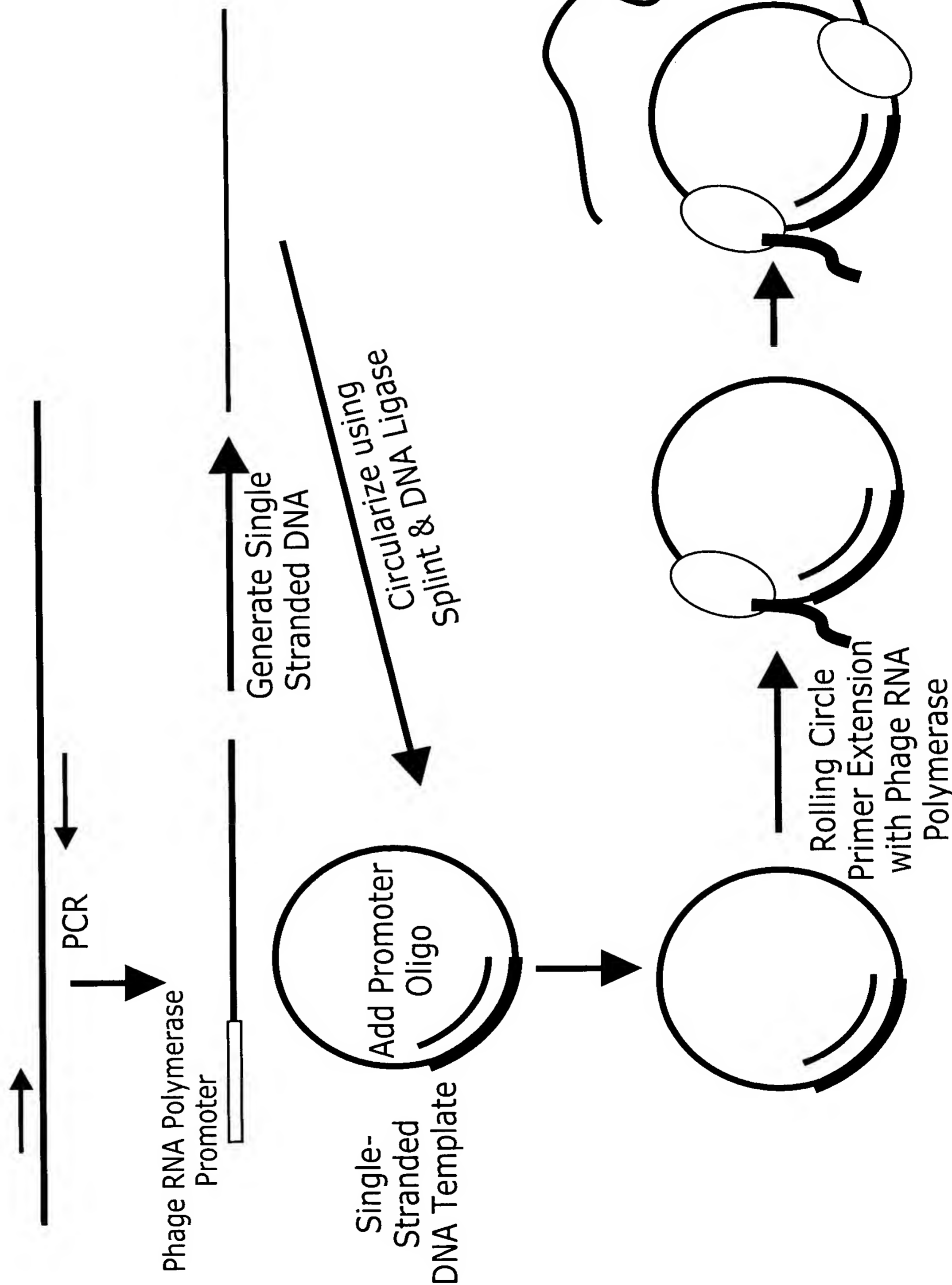
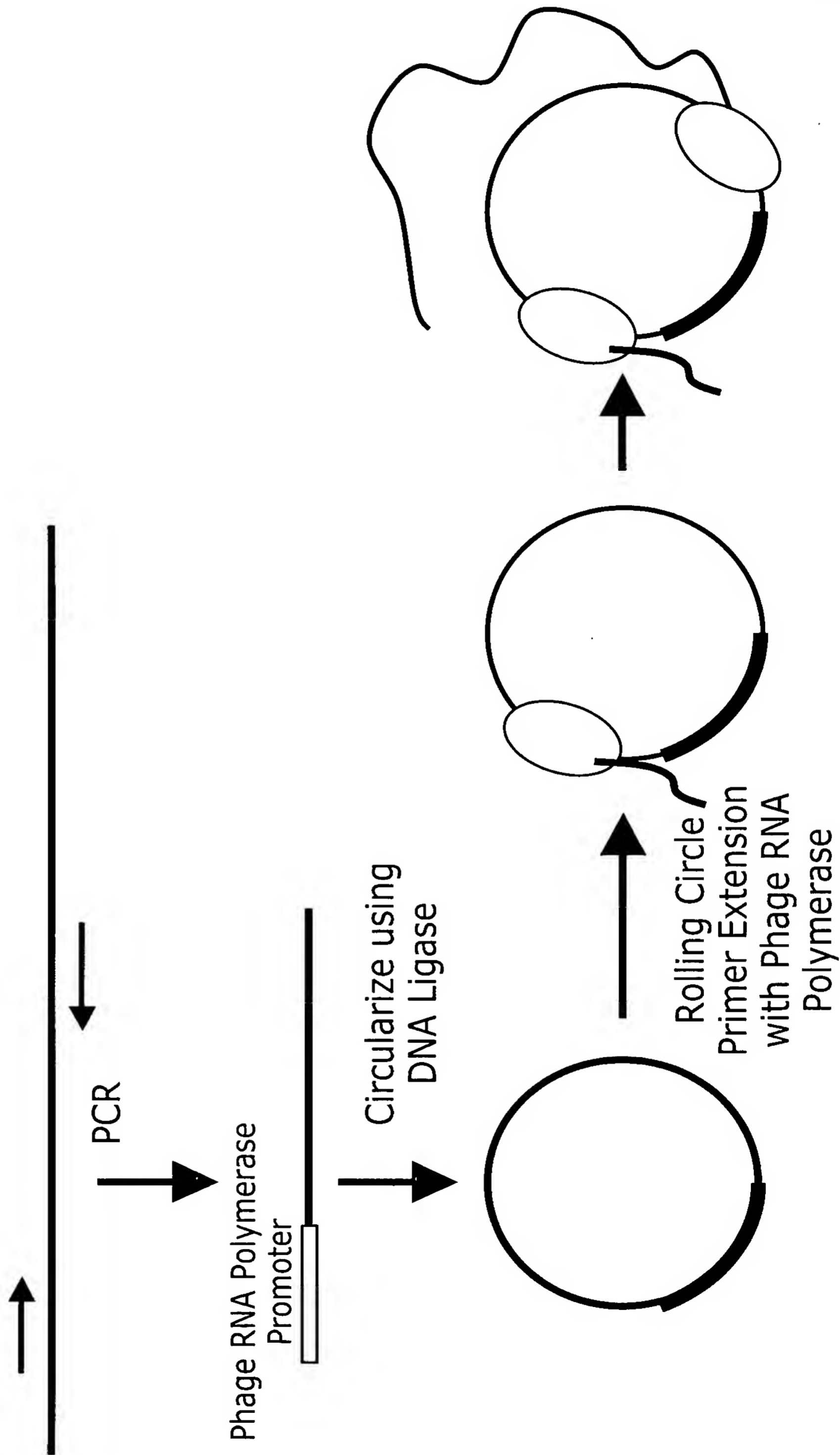


FIG. 4



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FIG. 5



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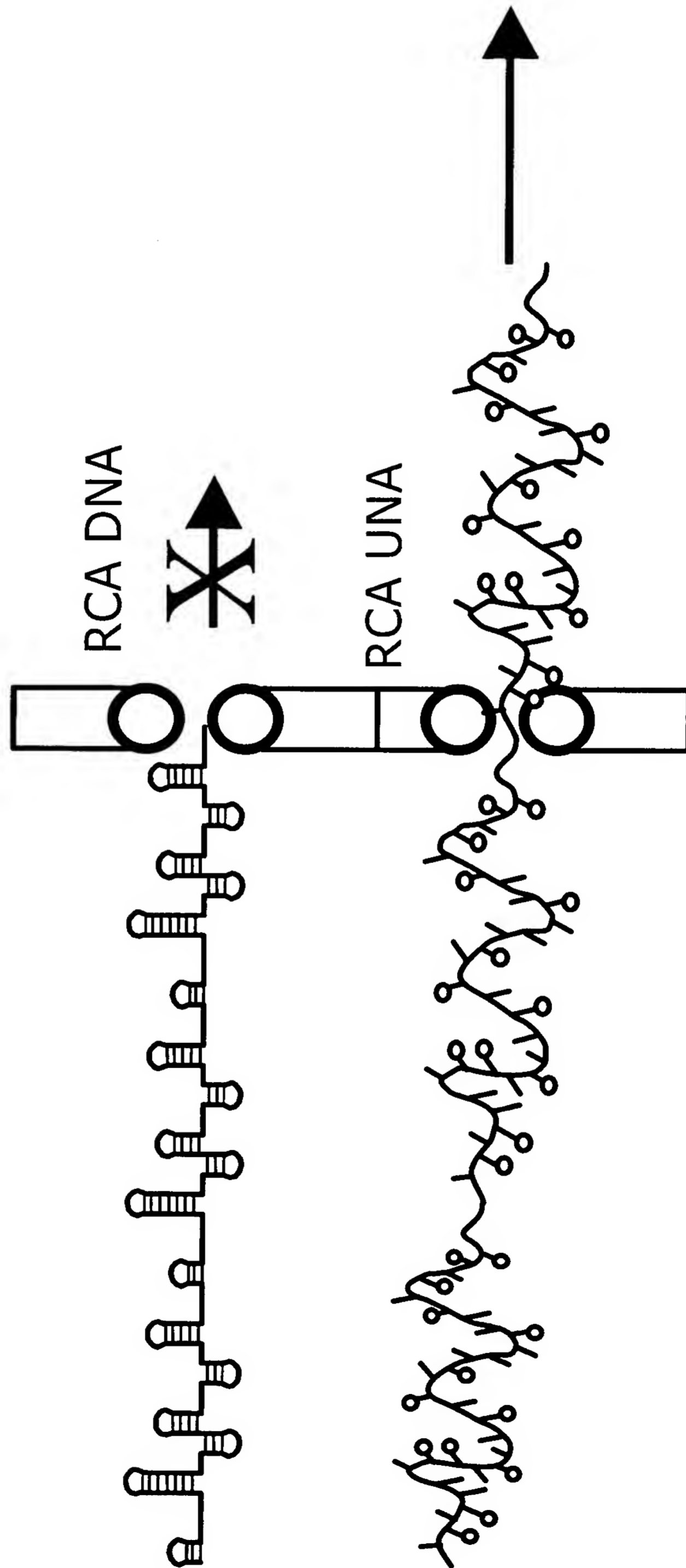


FIG. 6



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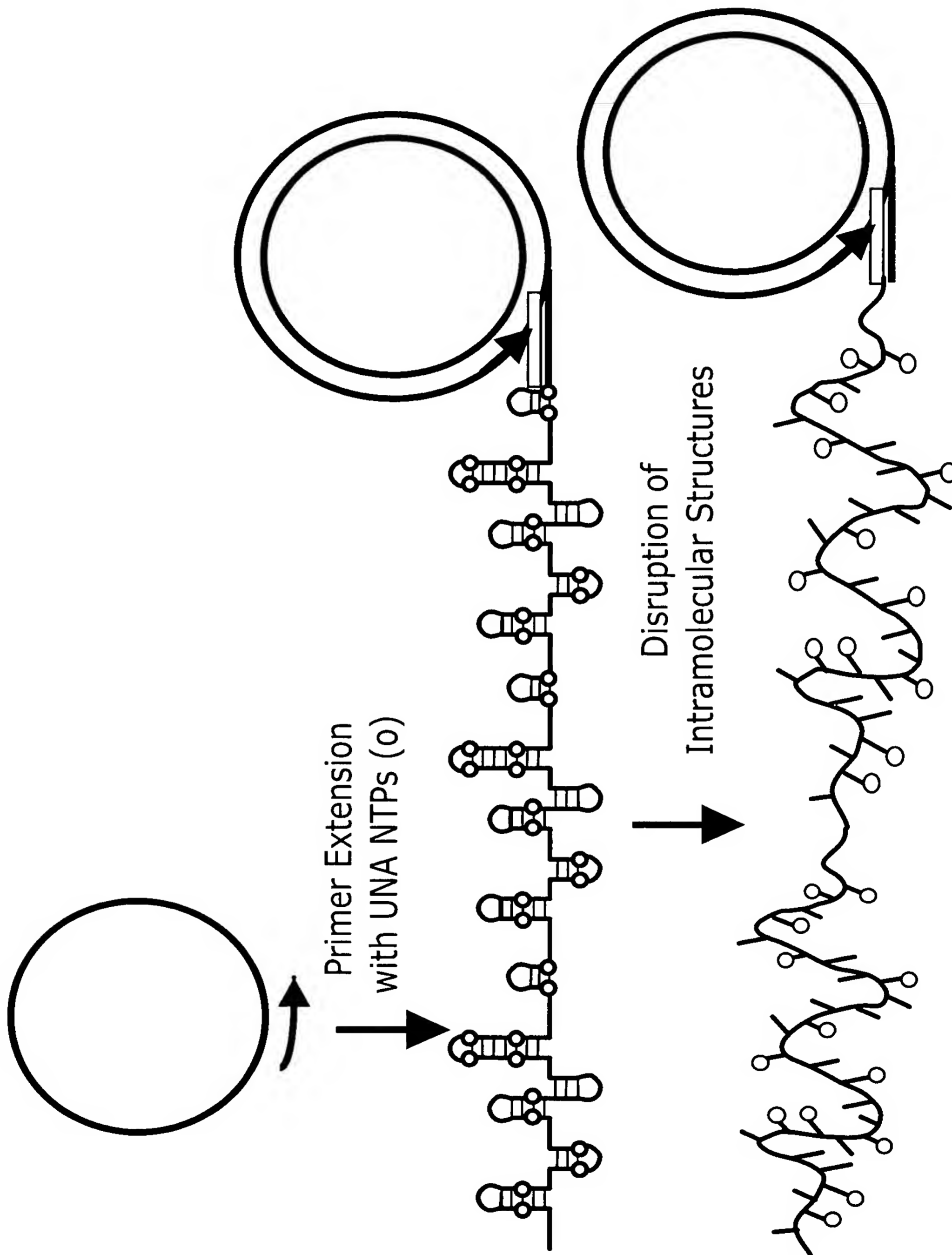
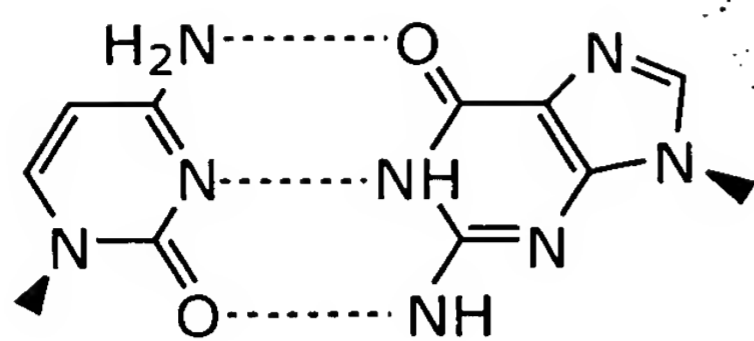
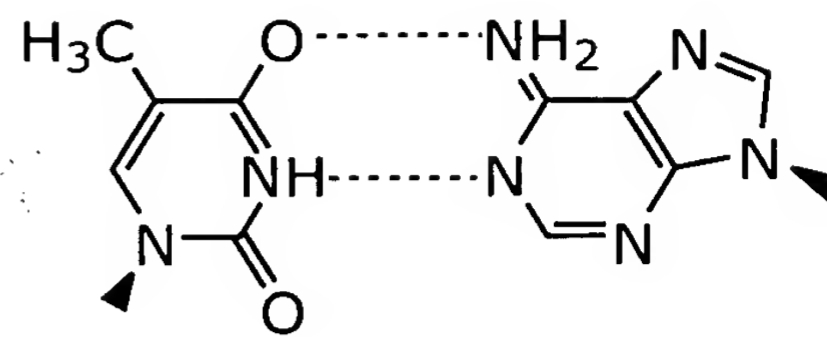


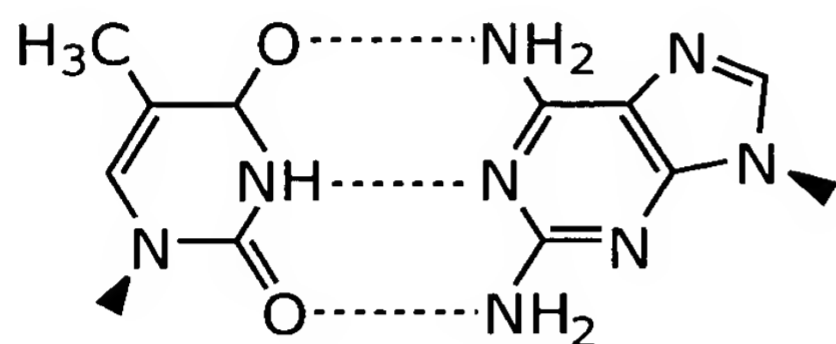
FIG. 7



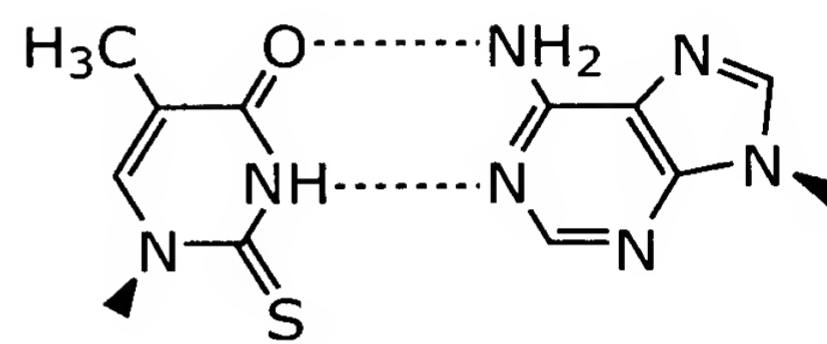
C - G



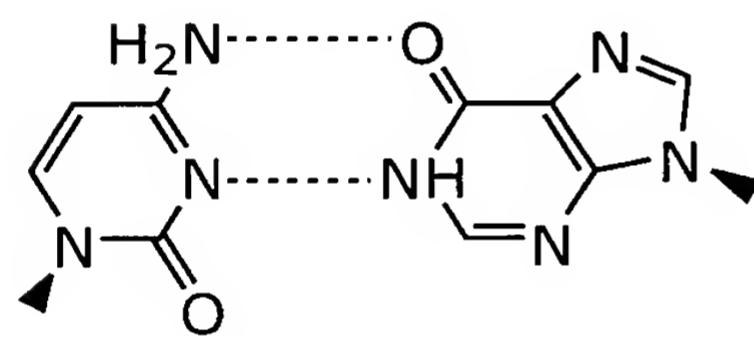
T - A



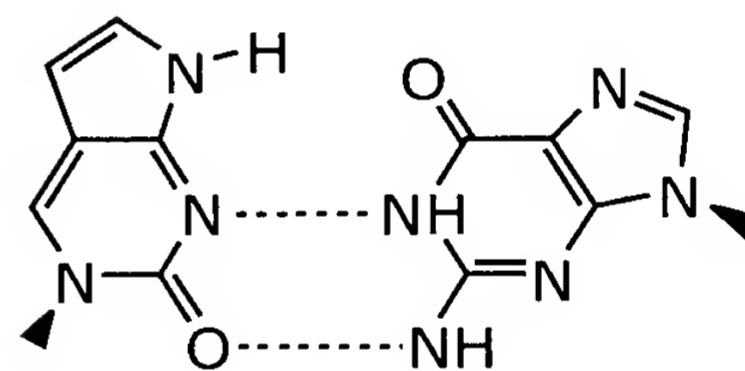
T - 2-amino A



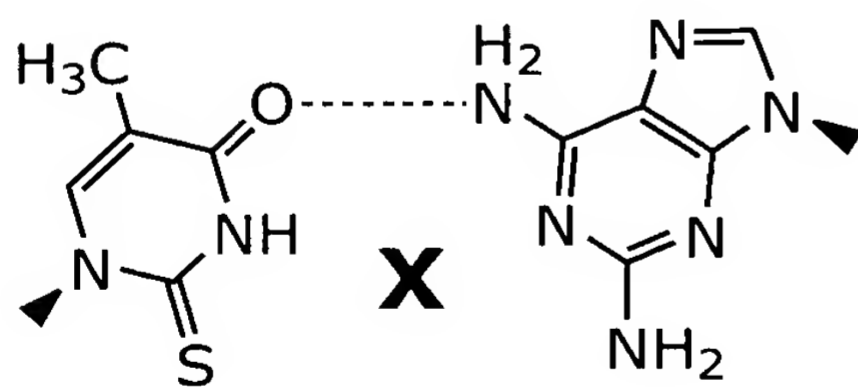
2-thio T - A



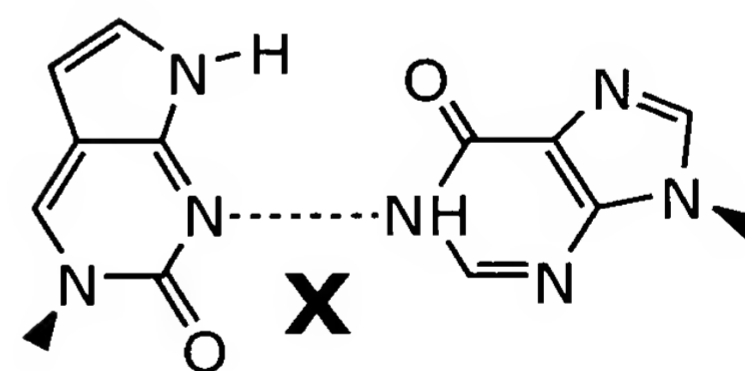
C - I



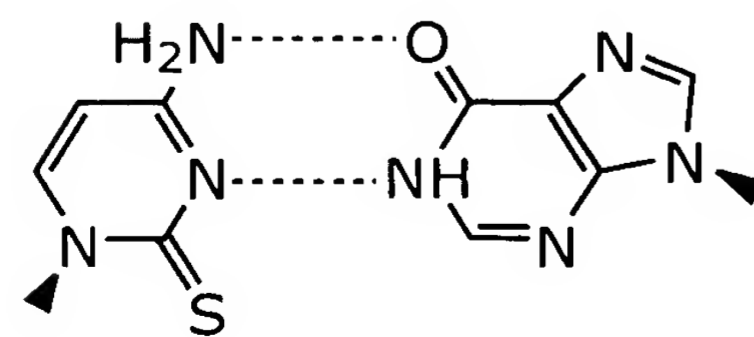
PyrroloPyr - G



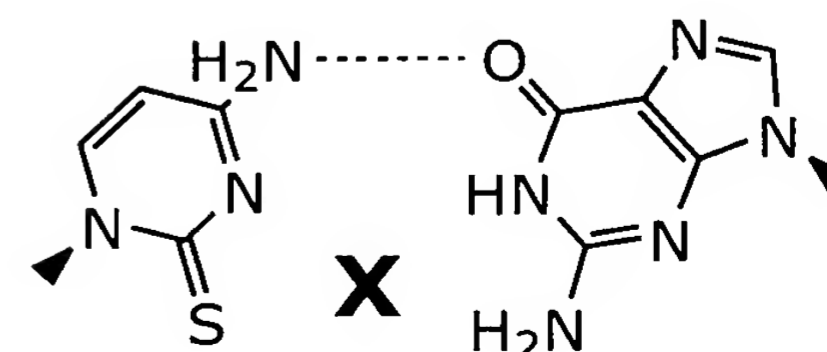
2-thio T - 2-amino A



PyrroloPyr - I



2-thio C - I



2-thio C - G

FIG. 8